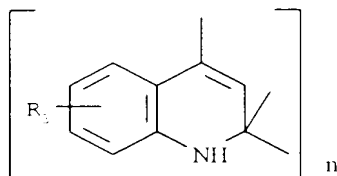


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A composition comprising lubricating oil and a mixture of antioxidants, said mixture consisting of from about 0.01 to about 10 weight percent of a first antioxidant and from about 0.01 to about 10 weight percent of a second antioxidant, the first antioxidant being a secondary diarylamine of the formula R_1-NH-R_2 where R_1 and R_2 each independently represent a substituted or unsubstituted aryl group having from 6 to 46 carbon atoms and the second antioxidant being a 2,2,4-trialkyl-1,2-dihydroquinoline or a polymer thereof of the structure:



where $n=1-1000$ and R_2 is hydrogen, alkyl, or alkoxy; and wherein the ratio of the first antioxidant to the second antioxidant is from 1:99 to 99:1.

2. (Original) The composition of claim 1 wherein the lubricating oil is selected from the group consisting of polyol esters, diesters, phthalate esters, trimellitate esters, pyromellitate esters, dimer acid esters, and polyoleates.

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3. (Currently Amended) The composition of claim 1 wherein the lubricating oil is an ~~API~~
American Petroleum Institute Group I base oil.

4. (Currently Amended) The composition of claim 1 wherein the lubricating oil is an ~~API~~
American Petroleum Institute Group II base oil.

5. (Currently Amended) The composition of claim 1 wherein the lubricating oil is an ~~API~~
American Petroleum Institute Group IV base oil.

6. (Canceled)

7. (Previously amended) The composition of claim 1 wherein the first antioxidant is selected from the group consisting of diphenylamine, monoalkylated diphenylamine, dialkylated diphenylamine, trialkylated diphenylamine, or mixtures thereof, 3-hydroxydiphenylamine, 4-hydroxydiphenylamine, mono- and/or di-butyl-diphenylamine, mono- and/or di-octyldiphenylamine, mono- and/or di-nonyldiphenylamine, phenyl- α -naphthylamine, phenyl- β -naphthylamine, diheptyldiphenylamine, mono- and/or di-(α -methylstyryl)diphenylamine, mono- and/or distyryldiphenylamine, 4-(*p*-toluenesulfonamido)diphenylamine, 4-isopropoxydiphenylamine, t-octylated N-phenyl-1-naphthylamine, mixtures of mono- and dialkylated t-butyl-t-octyldiphenylamines, N-phenyl-1,2-phenylenediamine, N-phenyl-1,4-phenylenediamine, N,N'-diphenyl-*p*-phenylenediamine,

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N,N'-di(naphthyl-2)-*p*-phenylenediamine, N-isopropyl-N'-phenyl-*p*-phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-*p*-phenylenediamine, N-(1-methylheptyl)-N'-phenyl-*p*-phenylenediamine, and N-cyclohexyl-N'-phenyl-*p*-phenylenediamine.

8. (Original) The composition of claim 1 wherein the second antioxidant is 2,2,4-trimethyl-1,2-dihydroquinoline or a polymer thereof.

9 - 12 (Canceled)

13. (Currently amended) The composition of claim 1 further comprising at least one additional additive selected from the group consisting of dispersants, detergents, rust inhibitors, ~~antioxidants~~, metal deactivators, antiwear agents, antifoamants, friction modifiers, seal swell agents, demulsifiers, ~~and~~ viscosity index improvers, and pour point depressants.

14. (Currently amended) A composition comprising:

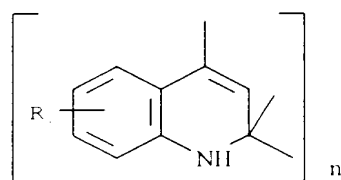
A) a lubricating oil selected from the group consisting of polyol esters, diesters, phthalate esters, trimellitate esters, pyromellitate esters, dimer acid esters, polyoleates, an ~~API~~ American Petroleum Institute Group I base oil, an ~~API~~ American Petroleum Institute Group II base oil, and an ~~API~~ American Petroleum Institute Group IV base oil;

B) a mixture of antioxidants, said mixture consisting of from about 0.01 to about 10 weight percent of at least one first antioxidant selected from the group consisting of

diphenylamine, monoalkylated diphenylamine, dialkylated diphenylamine, trialkylated diphenylamine, or mixtures thereof, 3-hydroxydiphenylamine, 4-hydroxydiphenylamine, mono- and/or di-butyl-diphenylamine, mono- and/or di-octyl-diphenylamine, mono- and/or di-nonyl-diphenylamine, phenyl- α -naphthylamine, phenyl- β -naphthylamine, diheptyl-diphenylamine, mono- and/or di-(α -methylstyryl)diphenylamine, mono- and/or distyryl-diphenylamine, 4-(*p*-toluenesulfonamido)diphenylamine, 4-isopropoxydiphenylamine, t-octylated N-phenyl-1-naphthylamine, mixtures of mono- and dialkylated t-butyl-t-octyl-diphenylamines, N-phenyl-1,2-phenylenediamine, N-phenyl-1,4-phenylenediamine, N,N'-diphenyl-*p*-phenylenediamine, N,N'-di(naphthyl-2)-*p*-phenylenediamine, N-isopropyl-N'-phenyl-*p*-phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-*p*-phenylenediamine, N-(1-methylheptyl)-N'-phenyl-*p*-phenylenediamine, and N-cyclohexyl-N'-phenyl-*p*-phenylenediamine, and from about 0.01 to about 10 weight percent of a second antioxidant that is 2,2,4-trimethyl-1,2-dihydroquinoline or a polymer thereof, the ratio of the first antioxidant to the second antioxidant being from 1:99 to 99:1; and, optionally,

C) at least one additional additive selected from the group consisting of dispersants, detergents, rust inhibitors, ~~antioxidants~~, metal deactivators, antiwear agents, antifoamants, friction modifiers, seal swell agents, demulsifiers, ~~and~~ viscosity index improvers, and pour point depressants.

15. (Currently amended) A method of increasing the oxidation stability of a lubricating oil comprising adding thereto a composition comprising a mixture consisting of from about 0.01 to about 10 weight percent of a first antioxidant and from about 0.01 to about 10 weight percent of a second antioxidant, the first antioxidant being a secondary diarylamine of the formula R_1-NH-R_2 where R_1 and R_2 each independently represent a substituted or unsubstituted aryl group having from 6 to 46 carbon atoms and the second antioxidant being a 2,2,4-trialkyl-1,2-dihydroquinoline or a polymer thereof of the structure:



where $n=1-1000$ and R_3 is hydrogen, alkyl, or alkoxy.

16. (Original) The method of claim 15 wherein the lubricating oil is selected from the group consisting of polyol esters, diesters, phthalate esters, trimellitate esters, pyromellitate esters, dimer acid esters, and polyoleates.

17. (Currently Amended) The method of claim 15 wherein the lubricating oil is an ~~API~~ American Petroleum Institute Group I base oil.

18. (Currently Amended) The method of claim 15 wherein the lubricating oil is an ~~API~~ American Petroleum Institute Group II base oil.

19. (Currently Amended) The method of claim 15 wherein the lubricating oil is an ~~API~~ American Petroleum Institute Group IV base oil.

20. (Canceled)

21. (Previously amended) The method of claim 15 wherein the first antioxidant is selected from the group consisting of diphenylamine, mono-alkylated diphenylamine, dialkylated diphenylamine, trialkylated diphenylamine, or mixtures thereof, 3-hydroxydiphenylamine, 4-hydroxydiphenylamine, mono- and/or di-butyl-diphenylamine, mono- and/or di-octyldiphenylamine, mono- and/or di-nonyldiphenylamine, phenyl- α -naphthylamine, phenyl- β -naphthylamine, diheptyldiphenylamine, mono- and/or di-(α -methylstyryl)diphenylamine, mono- and/or distyryldiphenylamine, 4-(*p*-toluenesulfonamido)diphenylamine, 4-isopropoxydiphenylamine, t-octylated N-phenyl-1-naphthylamine, mixtures of mono- and dialkylated t-butyl-t-octyldiphenylamines, N-phenyl-1,2-phenylenediamine, N-phenyl-1,4-phenylenediamine, N,N'-diphenyl-*p*-phenylenediamine, N,N'-di(naphthyl-2)-*p*-phenylenediamine, N-isopropyl-N'-phenyl-*p*-phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-*p*-phenylenediamine, N-(1-methylheptyl)-N'-phenyl-*p*-phenylenediamine, and N-cyclohexyl-N'-phenyl-*p*-phenylenediamine.

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22. (Original) The method of claim 15 wherein the second antioxidant is 2,2,4-trimethyl-1,2-dihydroquinoline or a polymer thereof.

23 - 25 (Canceled)

26. (Original) The method of claim 15 wherein the ratio the first antioxidant to the second antioxidant is from 1:99 to 99:1.

27. (Currently amended) The method of claim 15 wherein the composition further ~~comprising~~ comprises at least one additional additive selected from the group consisting of dispersants, detergents, rust inhibitors, ~~antioxidants~~, metal deactivators, antiwear agents, antifoamants, friction modifiers, seal swell agents, demulsifiers, ~~VI~~ viscosity index improvers, and pour point depressants.

28. (Currently amended) A method of increasing the oxidation stability of a lubricating oil selected from the group consisting of polyol esters, diesters, phthalate esters, trimellitate esters, pyromellitate esters, dimer acid esters, polyoleates, an ~~API~~ American Petroleum Institute Group I base oil, an ~~API~~ American Petroleum Institute Group II base oil, and an ~~API~~ American Petroleum Institute Group IV base oil, comprising adding thereto a composition comprising

A) a mixture consisting of:

from about 0.01 to about 10 weight percent of at least one first antioxidant selected from the group consisting of diphenylamine, mono-alkylated diphenylamine, dialkylated diphenylamine, trialkylated diphenylamine, or mixtures thereof, 3-hydroxydiphenylamine, 4-hydroxydiphenylamine, mono- and/or di-butyl-diphenylamine, mono- and/or di-octyl-diphenylamine, mono- and/or di-nonyl-diphenylamine, phenyl- α -naphthylamine, phenyl- β -naphthylamine, diheptyl-diphenylamine, mono- and/or di-(α -methylstyryl)diphenylamine, mono- and/or distyryl-diphenylamine, 4-(*p*-toluenesulfonamido)diphenylamine, 4-isopropoxydiphenylamine, *t*-octylated N-phenyl-1-naphthylamine, mixtures of mono- and dialkylated *t*-butyl-*t*-octyl-diphenylamines, N-phenyl-1,2-phenylenediamine, N-phenyl-1,4-phenylenediamine, N,N'-diphenyl-*p*-phenylenediamine, N,N'-di(naphthyl-2)-*p*-phenylenediamine, N-isopropyl-N'-phenyl-*p*-phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-*p*-phenylenediamine, N-(1-methylheptyl)-N'-phenyl-*p*-phenylenediamine, and N-cyclohexyl-N'-phenyl-*p*-phenylenediamine, and

from about 0.01 to about 10 weight percent of a second antioxidant that is 2,2,4-trimethyl-1,2-dihydroquinoline or a polymer thereof, the ratio of the first antioxidant to the second antioxidant being from 1:99 to 99:1, and, optionally,

B) at least one additional additive selected from the group consisting of dispersants, detergents, rust inhibitors, ~~antioxidants~~, metal deactivators, antiwear agents, antifoamants, friction modifiers, seal swell agents, demulsifiers, ~~VI~~ viscosity index improvers, and pour point depressants.